## SEQUENCE LISTING

<110> Whitehouse, Martha Jo

<120> Methods and Compositions for the Treatment and Prevention of Erectile Dysfunction

<130> 1671.003 (35784/208786)

<150> 60/188,480

<151> 2000-03-10

<150> 60/203,415

<151> 2000-05-11

<160> 9

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<212> DNA

<213> Bos taurus

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96

ttc aaa gat cca aaa cga cta tat tgt aaa aac ggg ggg ttc ttc cta Phe Lys Asp Pro Lys Arg Leu Tyr Cys Lys Asn Gly Gly Phe Phe Leu

cga atc cac cca gat ggg cga gta gat ggg gta cga gaa aaa tcc gat 144
Arg Ile His Pro Asp Gly Arg Val Asp Gly Val Arg Glu Lys Ser Asp

cca cac atc aaa cta caa cta caa gcc gaa gaa cga ggg gta gta tcc 192
Pro His Ile Lys Leu Gln Leu Gln Ala Glu Glu Arg Gly Val Val Ser

atc aaa ggg gta tgt gcc aac cga tat cta gcc atg aaa gaa gat ggg 240
Ile Lys Gly Val Cys Ala Asn Arg Tyr Leu Ala Met Lys Glu Asp Gly
65 70 75 80

cga cta cta gcc tcc aaa tgt gta acc gat gaa tgt ttc ttc ttc gaa 288
Arg Leu Leu Ala Ser Lys Cys Val Thr Asp Glu Cys Phe Phe Glu
85 90 95

cga cta gaa tcc aac aac tat aac acc tat cga tcc cga aaa tat tcc 336 Arg Leu Glu Ser Asn Asn Tyr Asn Thr Tyr Arg Ser Arg Lys Tyr Ser

100 105 110

384 tcc tgg tat gta gcc cta aaa cga acc ggg caa tat aaa cta ggg cca Ser Trp Tyr Val Ala Leu Lys Arg Thr Gly Gln Tyr Lys Leu Gly Pro 115 120 aaa acc ggg cca ggg caa aaa gcc atc cta ttc cta cca atg tcc gcc 432 Lys Thr Gly Pro Gly Gln Lys Ala Ile Leu Phe Leu Pro Met Ser Ala 135 441 aaa tcc taa Lys Ser \* 145 <210> 2 <211> 146 <212> PRT <213> Bos taurus <400> 2 Pro Ala Leu Pro Glu Asp Gly Gly Ser Gly Ala Phe Pro Pro Gly His 15 Phe Lys Asp Pro Lys Arg Leu Tyr Cys Lys Asn Gly Gly Phe Phe Leu Arg Ile His Pro Asp Gly Arg Val Asp Gly Val Arg Glu Lys Ser Asp 40 Pro His Ile Lys Leu Gln Leu Gln Ala Glu Glu Arg Gly Val Val Ser Ile Lys Gly Val Cys Ala Asn Arg Tyr Leu Ala Met Lys Glu Asp Gly 70 Arg Leu Leu Ala Ser Lys Cys Val Thr Asp Glu Cys Phe Phe Glu 85 90 Arg Leu Glu Ser Asn Asn Tyr Asn Thr Tyr Arg Ser Arg Lys Tyr Ser 105 Ser Trp Tyr Val Ala Leu Lys Arg Thr Gly Gln Tyr Lys Leu Gly Pro 120 Lys Thr Gly Pro Gly Gln Lys Ala Ile Leu Phe Leu Pro Met Ser Ala 130 135 Lys Ser 145 <210> 3 <211> 441 <212> DNA <213> Homo sapiens <220> <221> CDS <222> (1)...(441) <400> 3 ccc gcc ttg ccc gag gat ggc ggc agc ggc gcc ttc ccg ccc ggc cac Pro Ala Leu Pro Glu Asp Gly Gly Ser Gly Ala Phe Pro Pro Gly His 5 10 ttc aag gac ccc aag cgg ctg tac tgc aaa aac ggg ggc ttc ttc ctg 96



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									gac Asp								144
				_					gca Ala	_		_		-			192
					-	-			tac Tyr								240
	_		_	_			_	_	acg Thr	_		_				-	288
	_	_	-						act Thr 105								336
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	Arg	Ile	His 35	Pro	Asp	Gly	Arg	Val 40	Asp	Gly	Val	Arg	Glu 45	Lys	Ser	Asp	
	Pro	His 50		Lys	Leu	Gln	Leu 55	Gln	Ala	Glu	Glu	Arg	Gly	Val	Val	Ser	
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		Leu	Leu	Ala	Ser 85		Cys	Val	Thr	Asp 90		Cys	Phe	Phe	Phe 95		
	Arg	Leu	Glu			Asn	Tyr	Asn	Thr		Arg	Ser	Arg			Thr	
	Ser	Trp	Tyr	100 Val	Ala	Leu	Lys	Arg	105 Thr	_	Gln	Tyr	Lys	110 Leu	Gly	Ser	
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	tc ttc ttc gaa cga cta he Phe Phe Glu Arg Leu 105											
	ga aaa tat tee tee tge rg Lys Tyr Ser Ser Trp 120											
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Tyr Cys Lys 35		Gly Phe			Ile H	His Pro 45		Gly	Arg			
Val Asp Gly 50	Val Arg	Glu Lys 55	Ser As	p Pro		lle Lys 50	Leu	Gln	Leu			
Gln Ala Glu 65	Glu Arg	Gly Val 70	Val Se	r Ile	Lys G	Gly Val	Cys	Ala	Asn 80			
Arg Tyr Leu	Ala Met 85	Lys Glu	Asp Gl	y Arg 90	Lėu I	Ceu Ala	Ser	Lys 95	Cys			
Val Thr Asp	Glu Cys 100	Phe Phe	Phe Gl 10	-	Leu G	Glu Ser	Asn 110	Asn	Tyr			
Asn Thr Tyr 115	_	Arg Lys	Tyr Se 120	r Ser	Trp T	Tyr Val 125	Ala	Leu	Lys			
Arg Thr Gly 130	Gln Tyr	Lys Leu 135	_	o Lys		Gly Pro 140	Gly	Gln	Lys			
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gtt gac ggg Val Asp Gly 50					His I	_				192		
caa gca gaa Gln Ala Glu 65										240		

